

## TIGER II - New Hampshire Northco

Year	Costs					
	Construction Costs	Operations & Maint. Cost	Total Costs	Emissions Benefits	Shipper Cost Savings	Freight Inventory Costs
<b>Totals</b>	<b>\$2,336,760</b>	<b>\$3,600,000</b>	<b>\$5,936,760</b>	<b>\$1,402,000</b>	<b>\$28,388,372</b>	<b>(\$202,194)</b>
			\$0			
2010	\$0	\$0	\$2,336,760	\$0	\$0	\$0
2011	\$2,336,760	\$0	\$90,000	\$0	\$0	\$0
2012	\$0	\$90,000	\$90,000	\$10,085	\$55,772	-\$397
2013	\$0	\$90,000	\$90,000	\$13,396	\$84,848	-\$604
2014	\$0	\$90,000	\$90,000	\$15,100	\$114,801	-\$818
2015	\$0	\$90,000	\$90,000	\$18,915	\$168,831	-\$1,202
2016	\$0	\$90,000	\$90,000	\$23,052	\$228,250	-\$1,626
2017	\$0	\$90,000	\$90,000	\$26,302	\$287,280	-\$2,046
2018	\$0	\$90,000	\$90,000	\$27,477	\$346,013	-\$2,464
2019	\$0	\$90,000	\$90,000	\$29,769	\$404,861	-\$2,884
2020	\$0	\$90,000	\$90,000	\$31,771	\$464,505	-\$3,308
2021	\$0	\$90,000	\$120,000	\$33,801	\$525,692	-\$3,744
2022	\$0	\$120,000	\$120,000	\$35,643	\$588,244	-\$4,190
2023	\$0	\$120,000	\$120,000	\$37,510	\$652,193	-\$4,645
2024	\$0	\$120,000	\$120,000	\$39,510	\$717,568	-\$5,111
2025	\$0	\$120,000	\$120,000	\$41,608	\$784,401	-\$5,587
2026	\$0	\$120,000	\$120,000	\$43,467	\$852,726	-\$6,073
2027	\$0	\$120,000	\$120,000	\$45,384	\$922,575	-\$6,571
2028	\$0	\$120,000	\$120,000	\$47,786	\$993,983	-\$7,080
2029	\$0	\$120,000	\$120,000	\$50,334	\$1,066,984	-\$7,599
2030	\$0	\$120,000	\$120,000	\$53,042	\$1,141,614	-\$8,131
2031	\$0	\$120,000	\$150,000	\$53,302	\$1,217,909	-\$8,674
2032	\$0	\$150,000	\$150,000	\$56,568	\$1,295,907	-\$9,230
2033	\$0	\$150,000	\$150,000	\$59,908	\$1,375,644	-\$9,798
2034	\$0	\$150,000	\$150,000	\$62,872	\$1,457,161	-\$10,378
2035	\$0	\$150,000	\$150,000	\$66,467	\$1,540,497	-\$10,972
2036	\$0	\$150,000	\$150,000	\$70,143	\$1,625,692	-\$11,579
2037	\$0	\$150,000	\$150,000	\$73,901	\$1,712,788	-\$12,199
2038	\$0	\$150,000	\$150,000	\$77,743	\$1,801,827	-\$12,833
2039	\$0	\$150,000	\$150,000	\$81,670	\$1,892,853	-\$13,482
2040	\$0	\$150,000	\$150,000	\$85,685	\$1,985,910	-\$14,144
2041	\$0	\$150,000		\$89,790	\$2,081,043	-\$14,822
2042						

## East Railroad Improvements Benefit-Cost Time Series

Benefits				
Congestion Relief	Accidents	Highway Maintenance Savings	Total Benefits	Total Costs PV
\$6,360,904	\$2,021,062	\$6,834,225	\$44,804,369	\$3,429,522
\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$2,183,888
\$12,497	\$3,971	\$13,427	\$95,354	\$78,609
\$19,012	\$6,041	\$20,426	\$143,118	\$73,467
\$25,723	\$8,173	\$27,637	\$190,617	\$68,661
\$37,829	\$12,020	\$40,644	\$277,037	\$64,169
\$51,143	\$16,250	\$54,949	\$372,018	\$59,971
\$64,370	\$20,452	\$69,160	\$465,518	\$56,047
\$77,530	\$24,634	\$83,299	\$556,489	\$52,381
\$90,716	\$28,823	\$97,466	\$648,753	\$48,954
\$104,080	\$33,070	\$111,825	\$741,942	\$45,751
\$117,790	\$37,426	\$126,555	\$837,521	\$42,758
\$131,806	\$41,879	\$141,614	\$934,997	\$53,281
\$146,135	\$46,432	\$157,009	\$1,034,633	\$49,796
\$160,783	\$51,086	\$172,747	\$1,136,583	\$46,538
\$175,759	\$55,844	\$188,837	\$1,240,862	\$43,494
\$191,068	\$60,708	\$205,286	\$1,347,182	\$40,648
\$206,719	\$65,681	\$222,101	\$1,455,889	\$37,989
\$222,719	\$70,765	\$239,292	\$1,567,465	\$35,504
\$239,076	\$75,962	\$256,866	\$1,681,623	\$33,181
\$255,798	\$81,275	\$274,833	\$1,798,431	\$31,010
\$272,894	\$86,707	\$293,200	\$1,915,337	\$28,982
\$290,370	\$92,260	\$311,977	\$2,037,851	\$33,857
\$308,237	\$97,937	\$331,173	\$2,163,101	\$31,642
\$326,502	\$103,740	\$350,797	\$2,290,694	\$29,572
\$345,175	\$109,673	\$370,860	\$2,421,700	\$27,637
\$364,264	\$115,738	\$391,370	\$2,555,628	\$25,829
\$383,780	\$121,939	\$412,337	\$2,692,545	\$24,140
\$403,730	\$128,278	\$433,772	\$2,832,517	\$22,560
\$424,126	\$134,758	\$455,686	\$2,975,612	\$21,084
\$444,977	\$141,383	\$478,089	\$3,121,900	\$19,705
\$466,294	\$148,156	\$500,991	\$3,271,452	\$18,416



Present Value	
Total Benefits PV	NPV
<b>\$11,384,480</b>	<b>\$7,954,958</b>
\$0	\$0
\$0	-\$2,183,888
\$83,286	\$4,676
\$116,827	\$43,360
\$145,421	\$76,760
\$197,523	\$133,355
\$247,891	\$187,920
\$289,901	\$233,854
\$323,881	\$271,501
\$352,879	\$303,925
\$377,166	\$331,414
\$397,900	\$355,142
\$415,150	\$361,868
\$429,336	\$379,540
\$440,787	\$394,248
\$449,745	\$406,252
\$456,337	\$415,689
\$460,897	\$422,908
\$463,756	\$428,253
\$464,983	\$431,802
\$464,749	\$433,738
\$462,579	\$433,597
\$459,970	\$426,113
\$456,299	\$424,657
\$451,603	\$422,031
\$446,196	\$418,559
\$440,068	\$414,238
\$433,312	\$409,173
\$426,017	\$403,457
\$418,260	\$397,176
\$410,115	\$390,410
\$401,646	\$383,230